

**Occupational Safety & Health Administration (OSHA)****MATERIAL SAFETY DATA SHEET**Section I Mfg. Name: **LPS RESEARCH LABORATORIES**Address: **2050 Cotner Avenue, Los Angeles, California 90025**Emergency Telephone No. **(213) 478-0095**

Trade Name and Synonyms:	LPS Instant Contact Cleaner Aerosol & Bulk	LPS Instant Super Cleaner Aerosol & Bulk	LPS ESA-100 Bulk
Formula:	Proprietary	Proprietary	Proprietary
Section II <b>HAZARDOUS INGREDIENTS</b>			
Solvents	(100%) Toxicity — 1000 PPM	(100%) TWA 300 PPM	Solid
Hazardous Mixtures other Liquids	Non-Toxic	Toxicity Rating MAC-500 PPM	Not Applicable
Section III <b>PHYSICAL DATA</b>			
Boiling Point (°F.)	118° F.	172° F.	Not Applicable
Water Soluble	No	No	No
Specific Gravity (H <sub>2</sub> O=1)	1.565	1.386	.880 Approx.
Percent Volatile	100%	100%	None
Appearance	Clear, pleasant odor	Clear, pleasant odor	Brown, paste-type with pleasant waxy odor
Section IV <b>FIRE AND EXPLOSION HAZARD DATA</b>			
Flash Point	Non-Flammable	Non-Flammable	Solid (no flash point)
Extinguishing Media			Fire point=525° F.
Unusual Fire & Explosive Hazards	Non-Explosive	Non-Explosive	None
Section V <b>HEALTH HAZARD DATA</b>			
Time Weighted Average (TWA)	500 PPM	300 PPM	
Effects of Over Exposure	Not Applicable	Nausea, watering of eyes	Nausea
First Aid Procedures		Wash out eyes. If swallowed, do not induce vomiting, call a physician	If swallowed, do not induce vomiting, call a physician
Section VI <b>REACTIVITY DATA</b>			
Incompatibility			Fire and intense heat
Hazardous Decomposition	Not Applicable	Usual hazards with chlorinated hydrocarbons	Products that result from decomposition of waxes
Section VII <b>SPILL OR LEAK PROCEDURES</b>			
Steps to be taken	Keep away from children Evaporates completely in seconds	Keep away from children Evaporates completely in minutes	Keep away from children Clean up with detergent or solvent
Waste Disposal Method	Evaporates completely	Evaporates completely	Normal methods for disposing of hydrocarbons
Section VIII <b>SPECIAL PROTECTION INFORMATION</b>			
Respiratory Protection	Use with plenty of ventilation	Use with plenty of ventilation	None required
Section IX <b>SPECIAL PRECAUTION</b>			
Handling and Storing	Store aerosols below 120° F.	Store aerosols below 120° F.	Store away from fire or intense heat
Other Precautions	Do not incinerate aerosol cans. Keep away from children	Do not incinerate aerosol cans. Keep away from children	Keep away from children

## Occupational Safety &amp; Health Administration (OSHA)

## MATERIAL SAFETY DATA SHEET

Section I Mfg. Name: LPS RESEARCH LABORATORIES

Address: 2050 Cotner Avenue, Los Angeles, California 90025

Emergency Telephone No. (213) 478-0095

Trade Name and Synonyms:	LPS #1 & #25 Aerosols & Bulk	LPS #2 Aerosols & Bulk	LPS #3 Aerosols & Bulk	LPS Instant Cold Galvanize Aerosols & Bulk
Formula:	Proprietary	Proprietary	Proprietary	Proprietary
Section II HAZARDOUS INGREDIENTS				
Solvents	(80%) TWA 300 PPM	(70%) TWA 300 PPM	(60%) TWA 300 PPM	Toluol { Aerosols 45% Bulk 10%
Metallic Coatings				Zinc { Aerosols 50% Bulk 85% Higher after drying
Section III PHYSICAL DATA				
Boiling Point (°F.)	300° F.	325° F.	300° F.	230° F.
Water Soluble	No	No	No	No
Specific Gravity (H <sub>2</sub> O=1)	.800 Approx.	.820 Approx.	.830 Approx.	
Percent Volatile	80%	70%	60%	Aerosols 45% Bulk 10%
Appearance	Clear, thin greaseless with a sweet odor	Brown, thin greaseless with a sweet odor	Brown, thin waxy liquid with a sweet odor	Battleship gray liquid
Section IV FIRE AND EXPLOSION HAZARD DATA				
Flash Point	180° F. (T.O.C.)	145° F. (T.O.C.)	155° F. (T.O.C.)	110° F. (T.O.C.)
Extinguishing Media	Usual extinguishing media for hydrocarbons	Usual extinguishing media for hydrocarbons	Usual extinguishing media for hydrocarbons	Foam, Carbon Dioxide, Dry Chemicals
Usual Fire & Explosive Hazards	Usual hazards with hydrocarbons	Usual hazards with hydrocarbons	Usual hazards with hydrocarbons	Vapor forms low flash point — usual hazards with toluene
Section V HEALTH HAZARD DATA				
TWA	300 PPM	300 PPM	300 PPM	200 PPM
Time Weighted Average	Nausea, watering of eyes	Nausea, watering of eyes	Nausea, watering of eyes	Nausea, watering of eyes
Effects of Over Exposure	Wash out eyes, do not induce vomiting if swallowed, call physician	Wash out eyes, do not induce vomiting if swallowed, call physician	Wash out eyes, do not induce vomiting if swallowed, call physician	Wash out eyes, do not induce vomiting if swallowed, call physician
First Aid Procedures				
Section VI REACTIVITY DATA				
Incompatibility	Fire and intense heat	Fire and intense heat	Fire and intense heat	Fire and intense heat
Hazardous Decomposition Products	Products that result from decomposing of hydrocarbons	Products that result from decomposing of hydrocarbons	Products that result from decomposing of hydrocarbons	Products that result from decomposing of hydrocarbons and zinc
Section VII SPILL OR LEAK PROCEDURES				
Steps to be taken	Keep away from fire and children, clean up with solvent	Keep away from fire and children, clean up with solvent	Keep away from fire and children, clean up with solvent	Keep away from fire and children, clean up with solvent
Waste Disposal Method	Normal methods for disposing of hydrocarbons	Normal methods for disposing of hydrocarbons	Normal methods for disposing of hydrocarbons	Zinc method
Section VIII SPECIAL PROTECTION INFORMATION				
Respiratory Protection	Use with plenty of ventilation	Use with plenty of ventilation	Use with plenty of ventilation	Use with plenty of ventilation
Section IX SPECIAL PRECAUTION				
Handling and Storing	Store aerosols below 120°F. Store bulk below 180°F.	Store aerosols below 120°F. Store bulk below 145°F.	Store aerosols below 120°F. Store bulk below 155°F.	Store aerosols and bulk below 120°F.
Other Precautions	Do not incinerate aerosol cans. Keep away from children	Do not incinerate aerosol cans. Keep away from children	Do not incinerate aerosol cans. Keep away from children	Do not incinerate aerosol cans. Keep away from children